

## Red DOE Lasermodule

DD635-1-24-F(12x54)-C300-DOE

Order Number: 70120530

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	23.7	24	24.3	V DC
Operating Current	2	5	25	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	DOE
Laser Class	2
Divergence	0.5mrad
Beam Diameter	5mm
Operating Distance	50m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

### Technical Parameters

Lifetime	>10000h
RoHS	yes

### Electrical Parameters

Potential of Housing	isolated
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### Mechanical Parameters

Size	Ø12x54mm
Material	aluminium
Cable length	300mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5mm
Housing Color	black
Weight	25g
Stripping of wire	5mm
Stripping of cable cover	50mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 24V DC
- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated

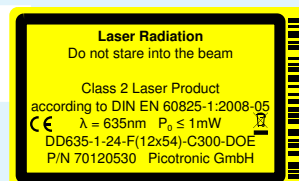
### Picture



### Cable Colors

Ground		black	GND
Positive		white	23.7 - 24.3, typ 24V DC

### Safety Label



### Revision

| 13-OCT-2014